

## CLAIMS

What is claimed is:

1. A gauge mounting device for mounting a gauge to an instrument panel comprising:
  - a gauge;
  - a annular gauge housing having a conical or cylindrical body and said gauge disposed therein;
  - a gauge mounting bracket assembly engaged onto said conical or cylindrical body and a means for sandwiching said conical or cylindrical body of said annular gauge housing and said gauge mounting bracket assembly between an aperture through said instrument panel;
  - said gauge mounting bracket assembly including a gauge bracket;
  - and a gripper ring disposed within said gauge bracket.
2. An assembly set forth in claim 1 wherein said gauge bracket having an inner tapering thread profile forming a helical pitch and said gripper ring disposed within said inner tapering thread profile.
3. An assembly set forth in claim 2 wherein said gripper ring is discontinuous and able to move freely axially along said helix of said inner tapering thread profile and able to configure to said inner tapering thread profile.

4. An assembly set forth in claim 3 wherein said gripper ring has an outer smooth surface and an inner surface having a plurality of gripping teeth radially aligned about said inner surface.
5. An assembly set forth in claim 4 wherein said gripper ring is made of a material of thin metal with spring temper.
6. A gauge mounting device for mounting a gauge to an instrument panel comprising:
  - a gauge;
  - a annular gauge housing having a conical or cylindrical body and said gauge disposed therein;
  - a gauge mounting bracket assembly engaged onto said conical or cylindrical body and a means for sandwiching said conical or cylindrical body of said annular gauge housing and gauge mounting bracket assembly between an aperture through said instrument panel;
  - said gauge mounting bracket assembly including a gauge bracket;
  - and a gripper ring disposed within said gauge bracket;
  - said means for sandwiching said conical or cylindrical body of said annular gauge housing and gauge mounting bracket between said aperture in said instrument panel by engaging said gauge mounting bracket onto said annular

gauge housing thereby engaging said gripping teeth onto said conical or cylindrical body of said annular gauge housing preventing rotation of said conical housing and creating a stationery helix; rotation of said gauge bracket causing forward movement by said helical pitch of said internal thread profile traveling along said stationary helix creating increasing force against said conical or cylindrical body and instrument panel.